

View Online at <https://aerobasegroup.com/nsn/5306-00-991-6416>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.430 inches and 0.450 inches

**Fastener Length:**

Between 0.840 inches and 0.850 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.220 inches and 0.250 inches

**Width Between Flats:**

Between 0.492 inches and 0.502 inches

**Shoulder Diameter:**

0.2835 inches first shoulder and 0.2840 inches first shoulder

**Shoulder Length:**

0.400 inches first shoulder and 0.410 inches first shoulder

**Thread Diameter:**

0.250 inches

**Thready Qty Per Inch (tpi):**

28

**Min. Tensile Strength (psi):**

180000 pounds per square inch

**Hardness Rating:**

39.0 rockwell c and 43.0 rockwell c

**Shoulder Shape:**

Round first shoulder

**Material:**

Steel comp e4340

**Material Specification:**

Mil-s-5000 military specification single material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Mil-c-8837, ty i cl 2 military specification single treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

**Mil-std (military Standard):**

Mil-s-5000 spec.